

**CLAIM AMENDMENTS:**

Please cancel claims 6-33 without prejudice to including such or similar claims of a different scope in a subsequent continuation, divisional, or continuation-in-part patent application, and substitute therefore the following new claims:

34. A method for treating a pancreas by rejuvenating and restoring function of a pancreas of a human patient comprising the steps of: locally inserting a growth factor selected from the group consisting of stem cells and germinal cells into the body of said patient at said pancreas; growing Islets of Langerhans in said pancreas; and restoring insulin production.
35. The method of claim 34, wherein said growth factor comprises stem cells.
36. The method of claim 34, wherein said growth factor comprises germinal cells.
37. The method of claim 35, wherein the stem cells are injected into said pancreas.
38. The method of claim 35, wherein the stem cells are inserted around said pancreas.
39. The method of claim 35, wherein the stem cells are harvested from bone marrow.
40. The method of claim 39, wherein the bone marrow is harvested from said patient.
41. The method of claim 35, wherein the stem cells comprise pluripotent stem cells.
42. The method of claim 34, which further comprises growing a new artery in said pancreas.
43. The method of claim 35, which further comprises growing a new artery in said pancreas.
44. The method of claim 35, which comprises the further step of adding additional stem cells in a booster injection.

**CLAIMS LISTING**

Claims 1-33 (canceled)

Claim 34 (new)                      A method for treating a pancreas by rejuvenating and restoring function of a pancreas of a human patient comprising the steps of: locally inserting a growth factor selected from the group consisting of stem cells and germinal cells into the body of said patient at said pancreas; growing Islets of Langerhans in said pancreas; and restoring insulin production.

Claim 35 (new)                      The method of claim 34, wherein said growth factor comprises stem cells.

Claim 36 (new)                      The method of claim 34, wherein said growth factor comprises germinal cells.

Claim 37 (new)                      The method of claim 35, wherein the stem cells are injected into said pancreas.

Claim 38 (new)                      The method of claim 35, wherein the stem cells are inserted around said pancreas.

Claim 39 (new)                      The method of claim 35, wherein the stem cells are harvested from bone marrow.

Claim 40 (new)                      The method of claim 39, wherein the bone marrow is harvested from said patient.

Claim 41 (new)                      The method of claim 35, wherein the stem cells comprise pluripotent stem cells.

Claim 42 (new)                      The method of claim 34, which further comprises growing a new artery in said pancreas.

Claim 43 (new)                      The method of claim 35, which further comprises growing a new artery in said pancreas.

Claim 44 (new)                      The method of claim 35, which comprises the further step of adding additional stem cells in a booster injection.